

1 first end, a second end, a left side and a right side and a support length between the first end and
2 the second end and a support surface along the support length for supporting a rock to be cut;

3 (b) a first blade holding means attached to the support means for holding a blade and
4 extending the blade along the support length;

5 (c) a first blade having a sharpened edge with a first blade edge length attached to the
6 first blade holding means,

7 (d) a second blade holding means for holding a blade in a fixed position on the support
8 means along the support length,

9 (e) a second blade having a sharpened edge and a second blade edge length and wherein
10 the first blade holding means comprises a hydraulically driven piston having a hydraulic cylinder
11 and a piston arm with a blade holding means for holding the first blade so that it is approximately
12 perpendicular to the support surface.

13 4. The invention of claim 3 further comprising a shock means for applying a sudden force to
14 the first blade.

15 5. The invention of claim 3 wherein the first blade holding means further comprises a
16 support arm slidably contacting the left side and a support arm slidably contacting the right side
17 so that the position of the first blade is supported as the blade moves along the support length.

18 6. The invention of claim 5 wherein the second blade holding means comprises a support
19 arm slidably contacting the left side and a support arm slidably contacting the right side so that
20 the position of the second blade is supported where held along the support length.

21 7. The invention of claim 6 wherein the second blade holding means further comprises a
22 fixing means for holding the second blade at a fixed position along the support length.

23 8. The invention of claim 7 wherein the fixing means further comprises an opening defined

1 by the support arm contacting the left side adjacent to the left side, a plurality of corresponding
2 openings defined by the left side and a securing means fitting through the support arm opening
3 and at least one of the plurality of left side openings.

4 9. The invention of claim 8 wherein the fixing means further comprises an opening defined
5 by the support arm contacting the right side adjacent to the right side, a plurality of
6 corresponding openings defined by the right side and a securing means fitting through the
7 support arm opening and at least one of the plurality of right side openings.

8 10. The invention of claim 7 wherein the fixing means further comprises a brake having a
9 first end and a second end with the first end attached to the second blade, a plurality of openings
10 defined along the support surface and wherein the second end of the brake is insertable into at
11 least one of the plurality of openings.

12 (First Amended) 11. A rock cutter for splitting stones comprising:

13 (a) a support means having a first end having a first end length, a second end having a
14 second end length, a bracket means for holding the first end adjustably along the first end length
15 and for holding the second end along the second end length, a left side and a right side and a
16 support length between the first end and the second end and a support surface along the support
17 length for supporting a rock to be cut;

18 (b) a first blade holding means attached to the support means for holding a blade and
19 extending the blade along the support length;

20 (c) a first blade having a sharpened edge with a first blade edge length attached to the first
21 blade holding means,

22 (d) a second blade holding means for holding a blade in a fixed position on the support
23 means along the support length,

1 (e) a second blade having a sharpened edge and a second blade edge length and wherein
2 the first blade holding means is attached to the first end and the second blade holding means is
3 attached to the second end and wherein the bracket means further comprises a fixing means for
4 releasably immobilizing the position of the bracket means to the first end length and second end
5 length.

6 12. The invention of claim 11 wherein the fixing means comprises a receiving bracket
7 defining an opening on the first end and a rod attached to the second end movably inserted within
8 the opening of the receiving bracket and a fixing means to fix the degree of insertion of the rod
9 so as to fix the length of the support means.

10 (First Amended) 13. A rock cutter for splitting stones comprising:

11 (a) a support means having a first end, a second end, a left side and a right side and a
12 support length between the first end and the second end and a support surface along the support
13 length for supporting a rock to be cut;

14 (b) a first blade holding means attached to the support means for holding a blade and
15 extending the blade along the support length;

16 (c) a first blade having a sharpened edge with a first blade edge length attached to the first
17 blade holding means,

18 (d) a second blade holding means for holding a blade in a fixed position on the support
19 means along the support length,

20 (e) a second blade having a sharpened edge and a second blade edge length and further
21 comprising a catching means located along the length of the support means and below the
22 support surface for receiving pieces falling from the support surface.

23 14. The invention of claim 13 wherein the catching means comprises an angled plate rising

1 on either side of the support surface from below the support surface so that rocks split fall onto
2 the angled sides.

3 (First Amended) 15. A rock cutter for splitting stones comprising:

4 (a) a support means having a first end, a second end, a left side and a right side and a
5 support length between the first end and the second end and a support surface along the support
6 length for supporting a rock to be cut;

7 (b) a first blade holding means attached to the support means for holding a blade and
8 extending the blade along the support length;

9 (c) a first blade having a sharpened edge with a first blade edge length attached to the first
10 blade holding means,

11 (d) a second blade holding means for holding a blade in a fixed position on the support
12 means along the support length,

13 (e) a second blade having a sharpened edge and a second blade edge length and further
14 comprising a shield means located on the first end and foldable above the support length so that a
15 rock supported on the support surface may be covered to prevent chips of rock from exiting the
16 work area.

17 16. The invention of claim 3 further comprising a supporting plate attached to the support
18 means for supporting a motor for supplying hydraulic fluid to the hydraulic cylinder.

19 17. The invention of claim 16 further comprising an axle rotatably connected to the
20 supporting plate below the support means and a plurality of wheels attached to the axle and
21 wherein the invention further comprises a trailer hitch attached to the supporting plate so that the
22 rock splitter may be attached to a trailer hitch for movement.

23 18. Cancelled.